



The

Blurb



Newsletter of The Phil-Mont Mobile Radio Club
Public Service Since 1949

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May 2005



WU3I's Massive Multiband Mobile

2m / 220Mhz / 70cm / HF high power

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The Blurb is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. *Copying and quoting* is permitted with a credit line. We gladly exchange publications with other amateur radio clubs. Requests should be sent to the Editor. *Subscriptions* are available to non-members for \$10, addressed to the Treasurer.

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Labels and mailing: **WB3KOJ & WB3KOH**

In memory of Sam Kunceovich N3QIE - Blurb artist 1958-2004

Submissions deadline: all copy must be in the hands of the Editors by the 20th of the previous month.

Sunday Morning Net Schedules

- **2 Meter/ 70cm Net**.....at 09:30et on W3QV repeater
- **10-on-10 Net**at 10:00et 28.393 MHz USB (±QRM)
- **75 meter Net**at 10:20et 3.993 MHz LSB

License Examinations

are held on the **first non-holiday Thursday** each month (except July and August) at **Northeast High School,**

Cottman and Algon Streets, Philadelphia PA

Registration begins at 6:00 P.M. Enter through the SPARC wing. Exams begin and doors closed and locked at **6:30 P.M. Sharp!** Applicants should call Dusty ND3Q at 215-879-0505 (day) or 215 482 0386 (eve) for the latest information.

Club Stations

W3QV Club Repeater - Trustee: W3BBB

Ridge & Port Royal Avenues, Philadelphia, PA
147.03 MHz + PL 91.5 Hz Δ 444.80 MHz + PL 186.2 Hz
Reach us on Echolink through WU3I-L

W3AA at Northeast High School - Trustee: WU3I

Cottman and Algon Streets, Philadelphia, PA

W3EM - Field Day/special event station Trustee: W3VVS

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Committees

Archives: NG3P
Audit: NS3K
Awards: open

Blurb folding:
WB3KOJ & WB3KOH
Directory: WB3KOJ
DX: N3MT
Emerg.Coar.: K3HWE
Field Day: KE3QB

Internet: K3XS
Membership: KB3IV
Net Control: KB3IV
Publicity: W3RM
Program: Club VP

Public Service: KE3QB
Refreshments: W3AOK
Repeater: W3BBB
Skywarn: WX3PHI
Sunshine: N3GLU
Youth: N3MT

TVI: W3VVS
VE Program: ND3Q
W3AA Trustee: WU3I
Welcome: K3CJ.



Remote heads for both radios are dash-mounted. (Grabbing the wrong mike might still be a problem!)

WU3I's Massive Multiband Mobile

I started Mobile operations on HF with a Hustler system and an old Kenwood TS440SAT back in 1995. After playing with the Hustler and Hamsticks, I discovered the product of Don Johnson W6AAQ of Esparto, Ca. The screwdriver antenna is the absolute best mobile antenna on the market today.

After 2 versions of Don's antenna and the reading of his book, *40+5 years of HF Mobileering*, I was in heaven. I had started out with the model with the un-un balun on the feed, and converted 2 of my antennas to the DK-Z model. Both worked well but the Z model (current production) was the best.

On the recommendation of a contest operator I tried and now operate the KJ7U full size screwdriver. This antenna has a tighter wound coil and covers 160M. I

also get some extra kick by mounting high up on the back of my ALUMINIUM CAP. The cap gives me an excellent ground plane along with the truck body.

I have also installed an Amcomm screwdriver antenna controller. One push of the tune button and the antenna is tuned to wherever the radio is tuned. For the pileups there is the SGC Power cube Amp mounted in the bed of the truck with the required auxiliary battery (125AH deep cycle marine)

The VHF/UHF transceiver is fed in to a triplexer to an SGC tri-Band antenna. There is also a ¼ wave 2M antenna for the VHF side of the Icom 706MKII. The 2 antennas are mounted on the lip of the Hood.

My advice to anyone wanting to operate Mobile is to read Don's book (available on CD from World Radio) and make good clean grounds and bond body parts with braid straps.



The aluminum cap provides an excellent groundplane for the "screwdriver" style HF antenna



The SCG amplifier and its additional battery ride on a pallet in the pickup bed



Another angle shows the HF amplifier hiding behind the battery container on the pallet



Controls for the HF amplifier and screwdriver antenna are only needed when switching bands

Steve Hoch WU3I

First Licensed 1978 as KA3AMO
 Became WU3I in 1991
 Member: PMRC, QCWA, Roosters 3.990 Mhz.
 Trustee W3AA and W3YC

1996 Ford F150 pickup truck
 HF Icom 706MKII - SGC Power Cube Amplifier
 VHF Kenwood TM741 144, 220, 440

It's spleen venting time guys, and the patriarch finally remembered how to turn on his computing machine.

Why is attendance down drastically at Phil-Mont meetings?? Each year at this time the Board begins to count the attrition of members at the turn of the year. It averages about 10-15 members.

I am always amazed at the number of members who pay their yearly dues and get nothing from the club but the Blurb. I guess the term loyalty rears its ugly head once in a while. But let's look at regular meeting attendance.

100-120 paying members and you can't find 25 of them at the meeting. We gather round and swap lies, drink coffee and splurge on cookies. Since most of the actual business is handled at the Board meeting a week previously, there's not too much to discuss.

Now to the program--oops!!! what program. Don't tell me-- I know the VP is chairman of the program committee. With all the time Bill Popovic puts into Phil-Mont, I'm surprised he can find time to come to the meeting. Maybe what we need is a committee to dig up program material. This information could then be listed in advance in the Blurb.

In case you didn't notice, at the April meeting, W3GER spoke on patent applications. Nobody left their seats during his presentation, and all those present were quiet until he finished. Even I was surprised. At some programs in the past, it was

The Patriarch Speaks...



de W3BBB

impossible to hear from the back row, because of the second meeting going on at the refreshment table.

Surely some of our members have jobs interesting enough that we might want to hear more about them. Verizon and ARRL both have film (video) libraries. Do any other commercial businesses have video promos?? How about the radio and TV stations!!

One of our members is very familiar with a branch of the SEPTA lines. What problems do they have in maintenance? Another member has been a Big Brother for over 30 years. He certainly has some interesting stories to tell. How many of our members own or have owned a boat or aircraft. How about some

stories from your days of military service. Bet KAC could keep us in stitches for at least 20 minutes--He was one of many Jarheads.

I fought the war mainly from downtown Honolulu for over a year---got lots of lies to tell about that---then wound up in Leyte, PI, Okinawa, and Korea. Old hat to me but maybe of interest to others. There must be dozens of stories out there just waiting to be told.

Any volunteers???

From the ARRL EPA Section News

EPA ARRL Again Represented at the East Coast Hobby Show

The East Coast Hobby Show was held at the Ft. Washington, PA. Expo. Center on April 8, 9 & 10, 2005 and once again Amateur Radio was represented at this event. The booth was manned by members of the Warminster ARC, Penn-Wireless ARC and the Mt. Airy (Packrats) ARC. The booth carried the ARRL banner and the EPA Section Manager, WB3FPL, helped man the booth.

This year's effort was different in that we were able to procure a location that permitted us to have access to outside antenna locations. Several contacts were made on 20 meters and a large number of spectators were able to see Amateur Radio in operation.

Out of the crowd we had ten persons sign up to receive additional information on getting an Amateur license. One of the persons looking for additional information included a teacher from the Philadelphia area looking for information on how to get Amateur Radio into his classroom. One person from Baltimore signed up and one person from Maine also signed up. Contact information for these ten persons is being forwarded to Clubs near to the persons home address, or to the appropriate Section Manager. From the list of "interested persons" two names from both Saturday's and Sunday's list will be chosen to

receive a free copy of the ARRL publication "Now You're Talking" compliments of the EPA SM and the ARRL.

A very big "THANK YOU" goes out to Mark Hinkle, WA3QVU of the Warminster Club and Ben Johns, K3JHQ, of the Penn-Wireless Club for all of the extra work that they did to make this effort successful.
de WB3FPL

Chester County Hams Activated

On March 28, 2005, a telephone outage made it impossible for people in part of Chester County to call 911 to report emergencies. The outage involved one telephone prefix area. Chester County ARES/RACES (CCAR) has been training for such emergencies. About two dozen members of the organization have been trained in basic 911 call-taking skills by the county's regular 911 trainer. This was our first 911 backup activation that was not a drill.

At 10:22 A.M., I received a page from John Haynes, 911 Center Director at the Chester County Department of Emergency Services (CCDES). He asked CCAR to send operators to two fire stations in the western part of the county where the telephone failure had occurred.

Joe Stratton W3JBS and Kay Craigie N3KN opened up



224th Monthly Phil-Mont

VE Exam Session Statistics for April 7, 2005

Two candidates took two elements, and we had two upgrades.

The VE team was chaired by Dusty Rhoads **ND3Q**, who tells us: "Once again, it took only two working days for the F.C.C. to issue new upgraded licenses. They were issued on April 11, 2005. There are only two exam sessions left, May and June before the VE Team takes a two month vacation."

ARES/RACES station W3EOC at the Government Services Center between 10:30-10:45, and started making a resources list of operators who could report for duty. Five operators volunteered, and made preparations to leave home to give relief later on if needed: Ray Paisley N3ESS, Vern Nelson KC3XL, Al Rabenau W3AHR, Ray Jefferis KB3IGL, and Joe Vilardo K3JV.

Operators were sent to Atglen Fire Station (FS #26) and to Cochranville Fire Station (FS #27). Bill Taylor N3TR arrived at FS #27 and was ready to operate at 11:00; Carter Craigie N3AO was operational at 11:06 at FS #26. The fire chiefs at both stations had been alerted by the county that ham operators would show up, and they welcomed the hams.

Upon notice of the hams' arrival, CCDES notified the media and the

Emergency Alert System that emergency radio operators were stationed at those two firehouses, ready to radio in calls for assistance.

At 12:20 P.M., the telephone service had been restored, and the hams were released 15 minutes later after confirmation from the 911 Center. No citizens came to the fire stations asking for help, but we were there and ready to radio their calls by radio.

Carter Craigie N3AO
ARES EC, Chester County, PA

From the ARRL SNJ Section news

SM Jean Priestley, KA2YKN

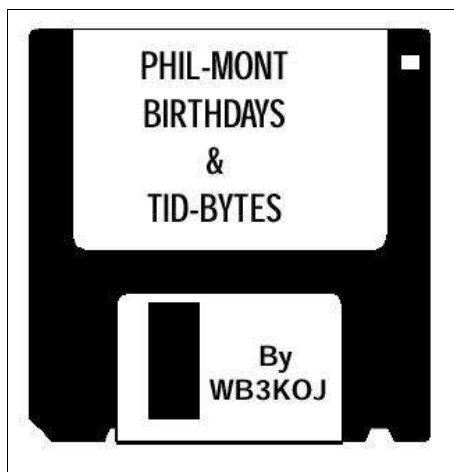
CQ CQ CQ The United States Coast Guard Auxiliary is look for Amateur Radio Operators. This request comes from Jim Weidner, FC, K2JXW. Hams know that the letters CQ mean "seeking you". If you are a licensed ham, the United States Coast Guard Auxiliary wants you. Join us in American's Volunteer Lifesavers, an emergency service that aides the environment, our nation's boaters and Maritime safety. Established by Congress in 1939, the USCG-AUX us a voluntary, civilian, non- military organization that has as its purpose assisting the regular Coast Guard as authorized by the Commandant in performing any Coast Guard function, power, duty, role mission, or operation authorized by law except law enforcement and military operations. The Auxiliary is always interested in individuals with unique skills, and Amateur Radio Operation have such skills.

Members of the Auxiliary are experi-

enced boaters, amateur radio operators, and licensed aircraft pilots using their own operational vessels, aircraft and communications stations. They provide their skills to the Coast Guard in promoting boating safety, public education, search and rescue and communications. The Auxiliary is open to all US citizens over the age of 17 and a security background check is required. Amateurs joining receive extra training and practice their skills in drills, waiting for that one event which may never come to put their skill into action. The training is free and voluntary. You participate as much or as little as you can.

Here are just a few of the offerings open to an Auxiliary member: Search and Rescue, sea patrols, admin, navi-

gation, aircraft operations seamanship, weather training, radio and computer operations, public education, aids to navigation, vessel safety checks, support for and supplement to the regular CG during natural land man-made disasters, marine safety, environmental protection, recruiting assistance and FUN and Fellowship. If you would like to become a member, contact Jim Weidner, K2JXW at Flotilla Commander, PO Box 2178, Riverton, NJ 08077. Jim can also be reached at 856-486-1755 or email to weidner@waterw.com or K2JXW@ar-rl.net. The Flotilla 65 web site is on the internet at <http://www.uscgaux.org/~0530605/>



Directory Additions

Renewed (too late for Directory):
KB3ANO, KC2HGC, W3KG, KB3RN
(See 2004 directory for info)

Membership Stats At press time

P.M.R.C. has:

- 93 Full paid members
- 9 Family members
- 1 Youth member (under 17)
- 0 Honorary members

May Birthdays

- 05 Paul Policarpo - N3PP
- 07 Tia Heffernan (XYL N3FH*)
- 17 Herb Scott - N3OLK
- 20 Bob Field - W3INW
- Dick Malone - N3MGS
- 28 Peggy Kaufmann - KB3DID
- 29 Maggie Leber - K3XS
- 30 Bill Chedeville - W3GQD
- 31 Heidi Mescanti - (XYL WB3KUR)

*-New Member 2004

New Member:

Frank Verdi
KB3LXG (tech) "Frankie"
PO Box 35222 Phila, PA 19128
verdi@ucwphilly.rr.com
Computer Technician/Digital
Video Editor
Spouse: Sara

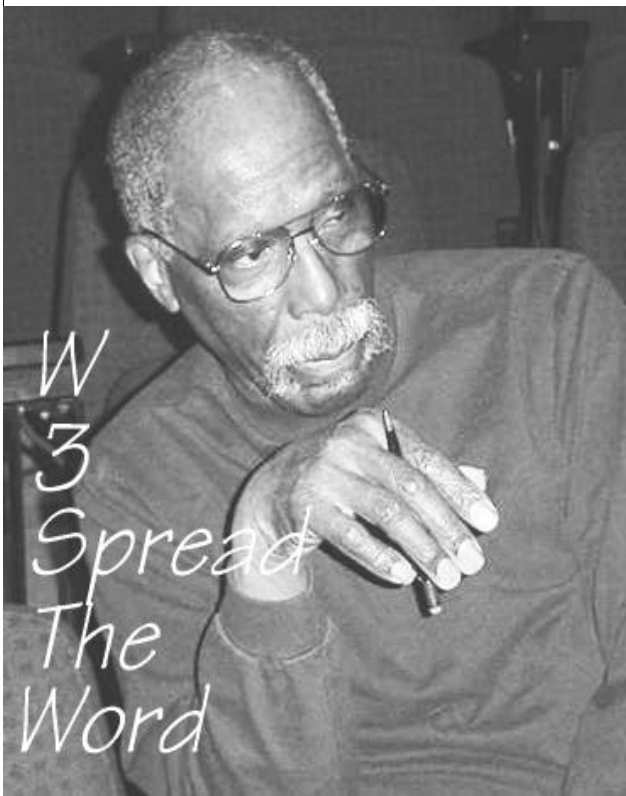


photo: WA3KIO

Spread The Word

--de Al W3STW, PMRC President

As you know W3AA and W3YC are at the same location North East Public H.S. The Phil-Mont Mobile Radio Club provides equipment and control operators. The control operators provide the necessary technical expertise to keep W3AA and W3YC on the air four school days a week.

This puts the school in a great position to be part of the ARRL's Education & Technology Program (ETP) known as "the Big Project". As a goal, the Big Project wants to teach wireless technology in schools through out

the U.S.

Amateur Radio on the International Space Station (ARISS) is an example I think of as Wireless Technology. NASA and AMSAT support ARISS. With that kind of support you might think NorthEast would be very eager to incorporate the ETP into its curriculum. Mark Spencer ETP Coordinator having attended the 2005 March31-April 4 National Science Teachers Association (NSTA) and talked to many of the attending teachers says the

teachers are concerned about teaching to the standards. If material isn't specifically addressed in the standards word for word, concept for concept they are not particularly interested.

Perhaps that is the thinking of the teaching staff at this location. I have approached Mr. Anthony Matarazzo North East SPARC program about ETP. For 130 schools throughout the U.S., this is not a problem. The ETP's "Teachers Institute on Wireless Technology" has trained them. This is an intensive weeklong hands on session aimed at getting the attendees up to speed on wireless and electronics technology basics and how to teach them. The ARRL has dedicated close to \$470,000 in resources and membership contributions to make the ETP a success. Gifts have also been received from the Brandenburg Life Foundation, ARRL Vice President Kay Craigie, N3KN and her husband Carter, N3AO. The ETP has started its 2005 fund raising effort.

Do you think the PMRC should make a monetary donation? Talk it up on the oh three machine, I'll be listening.

73 AL W3Spread The Word.

April 2005 Board Meeting

The Board of the Directors for the Phil-Mont Mobile Radio Club held a meeting at the WDRV radio station in Hatboro, PA, on April 6, 2005. President Al W3STW presiding called the meeting to order at 8:00 P.M. with the following attending and voting: Ed KB3IV, Maggie K3XS, Mike N3MT, Dick W3RM, Ra N3FH, Steve WU3I, and Eric N3QV.

W3RM reported that the PMRC Treasury is in good shape. We have one new member, N3LXG. We are continually looking for donations to the Scholarship fund.

Maggie K3XS reported on the status of the Blurb. She invites photos and articles to be submitted for consideration on being published in the newsletter.

Ed KB3IV reported on the status of the nets stating that the nets are going well and are fun.

AL W3STW and Steve WU3I on W3AA noted that work is being performed on the controller and rotator. The Station is in good shape.

Jim W3BBB reported on the repeater system. Southampton is down and the link transmitter will be replaced. The Delaware County offsite is going to be installed next week.

There being no further business, upon motion, the meeting adjourned at 9:00 P.M.

Respectfully submitted,

Eric D. Marano, N3QV
Secretary

April 2005 General Meeting Minutes

The Phil-Mont Mobile Radio Club held a General meeting at The Masonic Village in Lafayette Hill, PA, on March 9, 2005. President Al W3STW presiding called the meeting to order at 7:45 P.M.

Dick W3RM reported that the treasury is doing well. If you have not received a Blurb then you have not paid your dues. Requests were made for continuing contributions to the scholarship fund.

Ed KB3IV reported on Net Activity stating the nets are going well. He asked for more participation on the HF nets.

Steve WU3I reported on W3AA at Northeast High School, noting that we need more students to visit the station.

Maggie K3XS reported on the blurb and asked for submissions of materials.

Carmen KE3QB, field day chairman, \$12.95 for Field Day shirts and \$5 for pins. Orders are being taken now. We need volunteers for Saturday morning. If staying overnight please get on the Food list. If coming at night, please let someone know.

Jim W3BBB reported that Southampton is still down pending

transmitter repair and Delaware County will be installed next week.

Al W3STW the June meeting will be on the third Wednesday of the month

The floor was turned over to Gerry W3GER for a presentation on the process of patenting.

There being no further business, upon motion, the meeting adjourned at 9:15 P.M.

Respectfully submitted,

Eric D. Marano, N3QV
Secretary

Heads up!

The **June PMRC General Meeting**, which ordinarily would be held on the second Wednesday, June 8, has been **rescheduled** to the third Wednesday, which is June 15.

Make a note on your calendars!

FOR SALE

Dayton Model 1W517 AC

Generator

120-240

3500 watts continuous duty.

Powers our whole house
including HVAC

Now surplus to our needs.

The price is right.

Contact W3BBB

215-362-5172

Date	May 2005 with PMRC
Sun 01	NCS: 2m:K3XS HF:N3QV
Mon 02	
Tue 03	
Wed 04	PMRC Board meeting at WRDV
Thu 05	National Day of Prayer
Fri 06	Nurses' Day
Sat 07	
Sun 08	Mother's Day-NCS: 2MWU3I HF:WA3KIO
Mon 09	
Tue 10	
Wed 11	PMRC General Meeting at Masonic Village-see P2
Thu 12	
Fri 13	
Sat 14	
Sun 15	NCS: 2m:KB3IV HF:KB3IV
Mon 16	
Tue 17	
Wed 18	
Thu 19	
Fri 20	
Sat 21	Armed Forces Day
Sun 22	NCS: 2m:WB3KOJ HF:W4STW
Mon 23	
Tue 24	
Wed 25	
Thu 26	
Fri 27	
Sat 28	
Sun 29	NCS: 2m:W3BBB HF:W3BBB
Mon 30	Memorial Day
Tue 31	

First Class Mail

The Phil-Mont Mobile Radio Club, Inc
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The Blue